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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 503.37677X00  
Serial No. 09/413,867  
Applicant: ISHIKAWA, et al  
Filing Date: October 7, 1999  
Group: 2879



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
82	5,315,209	5/94	Iwasaki		
82	5,585,805	12/96	Takenaka et al		
82	5,660,876	8/97	Kojima et al		
82	5,681,885	10/97	Kinoshita et al		
82	5,789,854	8/98	Takizawa et al		

Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
82 0 533 030 A2	3/93	European		
82 0 859 398 A1	8/98	European		

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Date Considered

9/27/04

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82  
82  
82

GB 2 250 133 A  
WO 94/19709  
EP 0 940 837 A1

5/92  
9/94  
9/99

Great Britain  
PCT/US94/01586  
European

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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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